



PATENT
Atty. Dkt. AMAT/5799/TCG/ALD/BG

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:
Wang, et al.

Serial No.: 10/084,767

Confirmation No.: UNKNOWN

Filed: February 26, 2002

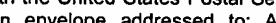
For: Cyclical Deposition of
Tungsten Nitride for Metal
Oxide Gate Electrode

Assistant Commissioner for
Patents
Washington, D.C. 20231

Dear Sir:

Group Art Unit: UNKNOWN

Examiner: UNKNOWN

CERTIFICATE OF MAILING 37 CFR 1.8	
<p>I hereby certify that this correspondence is being deposited on June <u>4</u> 2002 with the United States Postal Service as First Class Mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231.</p>	
<u>June 4 02</u> Date	 Signature

INFORMATION DISCLOSURE STATEMENT

The Applicants, and the Attorney who signs below on the basis of the information supplied by the inventor and the information in his file, submit herewith patents, publications, or other information of which they are aware, which may be material to the examination of this application and in respect of which there may be a duty to disclose in accordance with 37 CFR § 1.56.

While the information submitted in this Information Disclosure Statement may be material pursuant to 37 CFR § 1.56, it is not intended to constitute an admission that any patent, publication, or other information referred to therein is prior art for this invention unless specifically designated as such.

In accordance with 37 CFR § 1.97, this Information Disclosure Statement is not to be construed as a representation that a search has been made or that no other possibly material information as defined under 37 CFR § 1.56(a) exists.

The patents and/or publications submitted herewith are set forth on the attached Form PTO-1449.

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180,00 CH

If the sum of \$180.00 is due under 37 CFR § 1.17(p) pursuant to § 1.97, the Commissioner is hereby authorized to charge this fee, and any other fee necessary to make this submission timely, to the Deposit Account No. 20-0782/APPM/5799/BTP.

Respectfully submitted,

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U.S. Department of Commerce, Patent and Trademark Office (PTO Form 1449 modified)		Docket No. APPM/5799	Serial No. 10/084,767
SUPPLEMENTAL LIST OF PATENTS AND PUBLICATIONS CITED BY APPLICANT		Applicant Wang, et al.	Confirmation No.: Unknown
(Use several sheets if necessary)		Filing Date 02/26/2002	Group Unknown
	Examiner Unknown		

**U.S. Patent Documents**

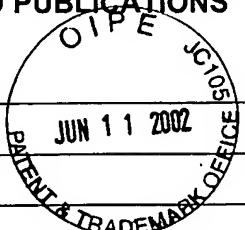
*Examiner Initial	Document Number	Issue Date	Applicant(s) Name	Class	Subclass	Filing Date If Appropriate
A1	4,058,430	11/15/77	Suntola et al.	156	611	11/25/75
A2	4,389,973	6/28/83	Suntola et al.	118	725	12/11/81
A3	4,413,022	11/1/83	Suntola et al.	427	255.2	6/21/79
A4	4,486,487	12/4/84	Skarp	428	216	4/25/83
A5	4,767,494	8/30/88	Kobayashi et al.	156	606	9/19/86
A6	4,806,321	2/21/89	Nishizawa et al.	422	245	7/21/85
A7	4,813,846	3/21/89	Helms	414	744.1	4/29/87
A8	4,829,022	5/9/89	Kobayashi et al.	437	107	12/9/86
A9	4,834,831	5/30/89	Nishizawa et al.	156	611	9/4/87
A10	4,838,983	6/13/89	Schumaker et al.	156	613	3/18/88
A11	4,838,993	6/13/89	Aoki et al.	156	643	12/3/87
A12	4,840,921	6/20/89	Matsumoto	437	89	6/30/88
A13	4,845,049	7/4/89	Sunakawa	437	81	3/28/88
A14	4,859,625	8/22/89	Nishizawa et al.	437	81	11/20/87
A15	4,859,627	8/22/89	Sunakawa	437	81	7/1/88
A16	4,861,417	8/29/89	Mochizuki et al.	156	610	3/24/88
A17	4,876,218	10/24/89	Pessa et al.	437	107	9/26/88
A18	4,917,556	4/17/90	Stark et al.	414	217	5/26/89
A19	4,927,670	5/22/90	Erbil	427	255.3	6/22/88
A20	4,931,132	6/5/90	Aspnes et al.	156	601	10/7/88
A21	4,951,601	8/28/90	Maydan, et al.	118	719	6/23/89
A22	4,960,720	10/2/90	Shimbo	437	105	8/24/87
A23	4,975,252	12/4/90	Nishizawa et al.	422	245	5/26/89
A24	4,993,357	2/19/91	Scholz	118	715	12/21/89
A25	5,000,113	3/19/91	Wang et al.	118	723	12/19/86
A26	5,013,683	5/7/91	Petroff et al.	437	110	1/23/89

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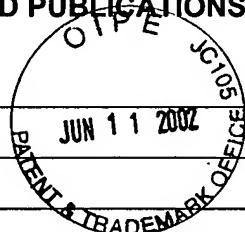
*Examiner Initial	Document Number	Issue Date	Applicant(s) Name	Class	Subclass	Filing Date If Appropriate
A27	5,028,565	7/2/91	Chang, et al.	437	192	8/25/89
A28	5,082,798	1/21/92	Arimoto	437	108	9/27/90
A29	5,085,885	2/4/92	Foley et al.	477	38	9/10/90
A30	5,091,320	2/25/92	Aspnes et al.	437	8	6/15/90
A31	5,130,269	7/14/92	Kitahara et al.	437	111	4/25/89
A32	5,166,092	11/24/92	Mochizuki et al.	437	105	10/30/90
A33	5,173,474	12/22/92	Connell, et al.	505	1	3/11/91
A34	5,186,718	2/16/93	Tepman et al.	29	25.01	4/15/91
A35	5,205,077	4/27/93	Wittstock	51	165 R	8/28/91
A36	5,225,366	7/6/93	Yoder	437	108	6/22/90
A37	5,234,561	8/10/93	Randhawa et al.	204	192.38	8/25/88
A38	5,246,536	9/21/93	Nishizawa et al.	156	610	3/10/89
A39	5,250,148	10/5/93	Nishizawa et al.	156	611	11/12/91
A40	5,254,207	10/19/93	Nishizawa et al.	156	601	11/30/92
A41	5,256,244	10/26/93	Ackerman	156	613	2/10/92
A42	5,259,881	11/9/93	Edwards, et al.	118	719	5/17/91
A43	5,270,247	12/14/93	Sakuma et al.	437	133	7/8/92
A44	5,278,435	1/11/94	Van Hove et al.	257	184	6/8/92
A45	5,281,274	1/25/94	Yoder	118	697	2/4/93
A46	5,286,296	2/15/94	Sato et al.	118	719	1/9/92
A47	5,290,748	3/1/94	Knuutila et al.	502	228	7/16/92
A48	5,294,286	3/15/94	Nishizawa et al.	156	610	1/12/93
A49	5,296,403	3/22/94	Nishizawa et al.	437	133	10/23/92
A50	5,300,186	4/5/94	Kitahara et al.	156	613	4/7/92
A51	5,311,055	5/10/94	Goodman et al.	257	593	11/22/91
A52	5,316,615	5/31/94	Copel	117	95	3/9/93

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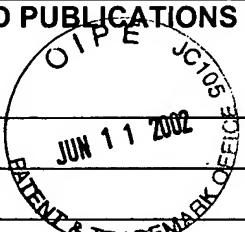
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	A53	5,316,793	5/31/94	Wallace et al.	427	248.1	7/27/92
	A54	5,330,610	7/19/94	Eres et al.	117	86	5/28/93
	A55	5,336,324	8/9/94	Stall et al.	118	719	12/4/91
	A56	5,338,389	8/16/94	Nishizawa et al.	117	89	4/21/93
	A57	5,348,911	9/20/94	Jurgensen et al.	117	91	4/26/93
	A58	5,374,570	12/20/94	Nasu et al.	437	40	8/19/93
	A59	5,395,791	3/7/95	Cheng et al.	437	105	10/20/93
	A60	5,438,952	8/8/95	Otsuka	117	84	1/31/94
	A61	5,439,876	8/8/95	Graf et al.	505	447	8/16/93
	A62	5,441,703	8/15/95	Jurgensen	422	129	3/29/94
	A63	5,443,033	8/22/95	Nishizawa et al.	117	86	3/11/94
	A64	5,443,647	8/22/95	Aucoin et al.	118	723 ME	7/11/94
	A65	5,455,072	10/3/95	Bension et al.	427	255.7	11/18/92
	A66	5,458,084	10/17/95	Thorne et al.	117	89	12/9/93
	A67	5,469,806	11/28/95	Mochizuki et al.	117	97	8/20/93
	A68	5,480,818	1/2/96	Matsumoto et al.	437	40	2/9/93
	A69	5,483,919	1/16/96	Yokoyama et al.	117	89	8/17/94
	A70	5,484,664	1/16/96	Kitahara et al.	428	641	1/21/94
	A71	5,503,875	4/2/96	Imai et al.	427	255.3	3/17/94
	A72	5,521,126	5/28/96	Okamura et al.	437	235	6/22/94
	A73	5,527,733	6/18/96	Nishizawa et al.	437	160	2/18/94
	A74	5,532,511	7/2/96	Nishizawa et al.	257	627	3/23/95
	A75	5,540,783	7/30/96	Eres et al.	118	725	5/26/94
	A76	5,580,380	12/3/96	Liu, et al.	117	86	1/30/95
	A77	5,601,651	2/11/97	Watabe	118	715	12/14/94
	A78	5,609,689	3/11/97	Kato et al.	118	719	6/3/96

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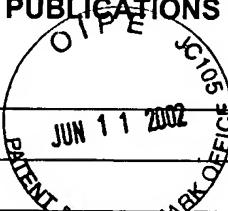
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	A79	5,616,181	4/1/97	Yamamoto et al.	118	723 ER	11/21/95
	A80	5,637,530	6/10/97	Gaines et al.	114	105	6/10/96
	A81	5,641,984	6/24/97	Aftergut et al.	257	433	8/19/94
	A82	5,644,128	7/1/97	Wollnik et al.	250	251	8/25/94
	A83	5,667,592	9/16/97	Boitnott et al.	118	719	4/16/96
	A84	5,674,786	10/7/97	Turner et al.	437	225	6/5/95
	A85	5,693,139	12/2/97	Nishizawa et al.	117	89	6/15/93
	A86	5,695,564	12/9/97	Imahashi	118	719	8/3/95
	A87	5,705,224	1/6/98	Murota et al.	427	248.1	1/31/95
	A88	5,707,880	1/13/98	Aftergut et al.	437	3	1/17/97
	A89	5,711,811	1/27/98	Suntola et al.	118	711	11/28/95
	A90	5,730,801	3/24/98	Tepman et al.	118	719	8/23/94
	A91	5,730,802	3/24/98	Ishizumi et al.	118	719	12/27/96
	A92	5,747,113	5/5/98	Tsai	427	255.5	7/29/96
	A93	5,749,974	5/12/98	Habuka et al.	118	725	7/13/95
	A94	5,788,447	8/4/98	Yonemitsu et al.	414	217	8/5/96
	A95	5,788,799	8/4/98	Steger, et al.	156	345	6/11/96
	A96	5,796,116	8/18/98	Nakata et al.	257	66	7/25/95
	A97	5,801,634	9/1/98	Young et al.	340	635	9/8/97
	A98	5,807,792	9/15/98	Ilg et al.	438	758	12/18/96
	A99	5,830,270	11/3/98	McKee et al.	117	106	8/5/96
	A100	5,835,677	11/10/98	Li et al.	392	401	10/3/96
	A101	5,851,849	12/22/98	Comizzoli et al.	438	38	5/22/97
	A102	5,855,675	1/5/99	Doering et al.	118	719	3/3/97
	A103	5,855,680	1/5/99	Soininen et al.	118	719	11/28/95
	A104	5,856,219	1/5/99	Naito et al.	438	241	8/18/97

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	A105	5,858,102	1/12/99	Tsai	118	719	2/14/98
	A106	5,866,213	2/2/99	Foster et al.	427	573	7/19/97
	A107	5,866,795	2/2/99	Wang et al.	73	1.36	3/17/97
	A108	5,879,459	3/9/99	Gadgil et al.	118	715	8/29/97
	A109	5,882,165	3/16/99	Maydan et al.	414	217	9/10/97
	A110	5,882,413	3/16/99	Beaulieu et al.	118	719	7/11/97
	A111	5,904,565	5/18/99	Nguyen, et al.	438	687	7/17/97
	A112	5,916,365	6/29/99	Sherman	117	92	8/16/96
	A113	5,923,056	7/13/99	Lee et al.	257	192	3/12/98
	A114	5,923,985	7/13/99	Aoki et al.	438	301	1/14/97
	A115	5,925,574	7/20/99	Aoki et al.	437	31	4/10/92
	A116	5,928,389	7/27/99	Jevtic	29	25.01	10/21/96
	A117	5,942,040	8/24/99	Kim et al.	118	726	8/27/97
	A118	5,947,710	9/7/99	Cooper, et al.	418	63	6/16/97
	A119	5,972,430	10/26/99	DiMeo, Jr. et al.	427	255.32	11/26/97
	A120	6,001,669	12/14/99	Gaines et al.	438	102	7/21/92
	A121	6,015,590	1/18/00	Suntola et al.	427	255.23	11/28/95
	A122	6,025,627	2/15/00	Forbes et al.	257	321	5/29/98
	A123	6,036,773	3/14/00	Wang et al.	117	97	3/27/97
	A124	6,042,652	3/28/00	Hyun et al.	118	719	9/7/99
	A125	6,043,177	3/28/00	Falconer et al.	502	4	1/21/97
	A126	6,051,286	4/18/00	Zhao et al.	427	576	8/22/97
	A127	6,062,798	5/16/00	Muka	414	416	6/13/96
	A128	6,071,808	6/6/00	Merchant et al.	438	633	6/23/99
	A129	6,084,302	7/4/00	Sandhu	257	751	12/26/95
	A130	6,086,677	7/11/00	Umotoy et al.	118	715	6/16/98
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	A131	6,110,556	8/29/00	Bang, et al.	428	64.1	10/17/97
	A132	6,113,977	9/5/00	Soininen et al.	427	64	9/11/97
	A133	6,117,244	9/12/00	Bang, et al.	118	715	3/24/98
	A134	6,124,158	9/26/00	Dautartas et al.	438	216	6/8/99
	A135	6,130,147	10/10/00	Major et al.	438	604	3/18/97
	A136	6,139,700	10/31/00	Kang et al.	204	192.17	9/30/98
	A137	6,140,237	10/31/00	Chan et al.	438	687	4/19/99
	A138	6,140,238	10/31/00	Kitch	438	687	4/21/99
	A139	6,143,659	11/7/00	Leem	438	688	8/27/98
	A140	6,144,060	11/7/00	Park et al.	257	310	7/31/98
	A141	6,158,446	12/12/00	Mohindra et al.	134	25.4	9/4/98
	A142	6,174,377	1/16/01	Doering, et al.	118	729	1/4/99
	A143	6,174,809	1/16/01	Kang, et al.	438	682	12/15/98
	A144	6,200,893	3/13/01	Sneh	438	685	3/11/98
	A145	6,203,613	3/20/01	Gates, et al.	117	104	10/19/99
	A146	6,206,967	3/27/01	Mak, et al.	118	666	6/14/00
	A147	6,207,302	3/27/01	Sugiura, et al.	428	690	3/2/98
	A148	6,248,605	6/19/01	Harkonen, et al.	438	29	6/2/99
	A149	6,270,572	8/7/01	Kim, et al.	117	93	8/9/99
	A150	6,271,148	8/7/01	Kao et al.	438	727	10/13/99
	A151	6,287,965	9/11/01	Kang, et al.	438	648	2/23/00
	A152	6,291,876	9/18/01	Stumborg, et al.	257	632	8/20/98
	A153	6,305,314	10/23/01	Sneh, et al.	118	723 R	12/17/99
	A154	6,306,216	10/23/01	Kim, et al.	118	725	7/12/00
	A155	6,316,098	11/13/01	Yitzchaik, et al.	428	339	3/23/99
	A156	2001/0042799	11/22/01	Kim, et al.	239	553	2/2/01
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*Examiner Initial		Document Number	Date	Country	Class	Subclass	Translation	
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	B1	196 27 017A1	1/9/97	DE	H01L	21/283	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	B2	198 20 147A1	7/1/99	DE	H01L	21/3205	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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	B4	0 799 641 A2	10/8/97	EP	B01J	20/32	<input type="checkbox"/>	<input type="checkbox"/>
	B5	0 442 290 A1	2/14/91	EP	C30B	25/02	<input type="checkbox"/>	<input type="checkbox"/>
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Examiner

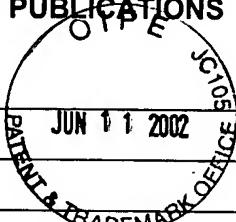
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U.S. Department of Commerce, Patent and Trademark Office (PTO Form 1449 modified)				Docket No. APPM/5799		Serial No. 10/084,767		
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(Use several sheets if necessary)				Filing Date 02/26/2002		Group Unknown		
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**Foreign Patent Documents**

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B172		96/17107	6/6/96	WO	C23C	16/44	<input type="checkbox"/>	<input type="checkbox"/>
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U.S. Department of Commerce, Patent and Trademark Office (PTO Form 1449 modified)				Docket No. APPM/5799	Serial No. 10/084,767			
SUPPLEMENTAL LIST OF PATENTS AND PUBLICATIONS CITED BY APPLICANT				Applicant Wang, et al.	Confirmation No.: Unknown			
(Use several sheets if necessary)				Filing Date 02/26/2002	Group Unknown			
	Examiner Unknown							
Foreign Patent Documents								
*Examiner Initial		Document Number	Date	Country	Class	Subclass	Translation	
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	B173	96/18756	6/20/96	WO	C23C	16/08	<input type="checkbox"/>	<input type="checkbox"/>
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	B193	01/29893 A1	4/26/01	WO	H01L	21/768	<input type="checkbox"/>	<input type="checkbox"/>
	B194	01/36702 A1	5/25/01	WO	C23C	16/00	<input type="checkbox"/>	<input type="checkbox"/>
	B195	01/40541 A1	6/7/01	WO	C23C	16/40	<input type="checkbox"/>	<input type="checkbox"/>
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	C2	Klaus, et al., "Atomic Layer Deposition of SiO ₂ Using Catalyzed and Uncatalyzed Self-Limiting Surface Reactions", <i>Surface Review & Letters</i> , 6(3&4) (1999), pp. 435-448	
	C3	Yamaguchi, et al., "Atomic-layer chemical-vapor-deposition of silicon dioxide films with extremely low hydrogen content", <i>Appl. Surf. Sci.</i> , Vol. 130-132 (1998) , pp. 202-207	
	C4	George, et al., "Surface Chemistry for Atomic Layer Growth", <i>J. Phys. Chem.</i> , Vol. 100 (1996), pp. 13121-131	
	C5	George, et al., "Atomic layer controlled deposition of SiO ₂ and Al ₂ O ₃ using ABAB...binary reaction sequence chemistry", <i>Appl. Surf. Sci.</i> , Vol. 82/83 (1994), pp. 460-467	
	C6	Wise, et al., "Diethyldiothoxysilane as a new precursor for SiO ₂ growth on silicon", <i>Mat. Res. Soc. Symp. Proc.</i> , Vol. 334 (1994), pp. 37-43	
	C7	Niinisto, et al., "Synthesis of oxide thin films and overlayers by atomic layer epitaxy for advanced applications", <i>Mat. Sci. & Eng.</i> , Vol. B41 (1996), pp. 23-29	
	C8	Ritala, et al., "Perfectly conformal TiN and Al ₂ O ₃ films deposited by atomic layer deposition", <i>Chemical Vapor Deposition</i> , Vol. 5(1) (January 1999), pp. 7-9	
	C9	Klaus, et al., "Atomically controlled growth of tungsten and tungsten nitride using sequential surface reactions". <i>Appl. Surf. Sci.</i> , Vol 162-163 (July 1999), pp. 479-491	
	C10	Klaus, et al., "Atomically controlled growth of tungsten and tungsten nitride using sequential surface reactions", <i>Fifth Int'l Symp. On Atomically Controlled Surfaces, Interfaces and Nanostructures</i> (July 6-9, 1999), Aix en Provence, France	
	C11	Min, et al., "Atomic layer deposition of TiN thin films by sequential introduction of Ti precursor and NH _{sub} 3", <i>Symp.: Advanced Interconnects and Contact Materials and Processes for Future Integrated Circuits</i> (Apr. 13-16, 1998), pp. 337-342	
	C12	Min, et al., "Metal-Organic Atomic-Layer Deposition of Titanium-Silicon-Nitride Films", <i>Applied Physics Letters</i> , American Inst. Of Physics, Vol 75(11) (Sept. 13, 1999)	
	C13	Maertensson, et al., "Atomic Layer Epitaxy of Copper on Tantalum", <i>Chemical Vapor Deposition</i> , 3(1) (Feb. 1, 1997), pp. 45-50	
	C14	Ritala, et al. "Atomic Layer Epitaxy Growth of TiN Thin Films", <i>J. Electrochem. Soc.</i> , 142(8) (Aug. 1995), pp. 2731-737	
	C15	Elers, et al., "NbC15 as a precursor in atomic layer epitaxy", <i>Appl. Surf. Sci.</i> , Vol. 82/83 (1994), pp. 468-474	
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	C16	Lee, "The Preparation of Titanium-Based Thin Film by CVD Using Titanium Chlorides as precursors", <i>Chemical Vapor Deposition</i> , 5(2) (Mar. 1999), pp. 69-73	
	C17	Martensson, et al., "Atomic Layer Epitaxy of Copper, Growth & Selectivity in the Cu (II)-2,2,6,6-Tetramethyl-3, 5-Heptanedion ATE/H ₂ Process", <i>J. Electrochem. Soc.</i> , 145(8) (Aug. 1998), pp. 2926-2931	
	C18	Min, et al., "Chemical Vapor Deposition of Ti-Si-N Films with Alternating Source Supply", <i>Mat., Res. Soc. Symp. Proc.</i> , Vol. 564 (Apr. 5, 1999), pp. 207-210	
	C19	Bedair, "Atomic layer epitaxy deposition processes", <i>J. Vac. Sci. Technol.</i> 12(1) (Jan/Feb 1994)	
	C20	Yamaga, et al., "Atomic layer epitaxy of ZnS by a new gas supplying system in a low-pressure metalorganic vapor phase epitaxy", <i>J. of Crystal Growth</i> 117 (1992), pp. 152-155	
	C21	Ohba, et al., "Thermal Decomposition of Methylhydrazine and Deposition Properties of CVD TiN Thin Films", Conference Proceedings, Advanced Metallization for ULSI Applications in 1993 (1994), pp. 143-149	
	C22	Schepers, et al., "Low-temperature deposition of titanium nitride films from dialkylhydrazine-based precursors", Materials Science in Semiconductor Processing 2 (1999), pp. 149-157	
	C23	Suzuki, et al., "A 0.2-μm contact filing by 450°C-hydrazine-reduced TiN film with low resistivity", IEDM 92-979, pp. 11.8.1 – 11.8.3	
	C24	Suzuki, et al., "LPCVD-TiN Using Hydrazine and TiCl ₄ ", VMIC Conference (June 8-9, 1993), pp. 418-423	
	C25	IBM Tech. Disc. Bull. "Knowledge-Based Dynamic Scheduler in Distributed Computer Control, (June 1990), pp. 80-84	
	C26	IBM Tech. Disc. Bull. "Multiprocessor and Multitasking Architecture for Tool Control of the Advanced via Inspection Tools" (May 1992), pp. 190-191	
	C27	McGeachin, S., "Synthesis and properties of some β-diketimines derived from acetylacetone, and their metal complexes", Canadian J. of Chemistry, Vol. 46 (1968), pp. 1903-1912	
	C28	Solanki, et al., "Atomic Layer deposition of Copper Seed Layers", Electrochemical and Solid State Letters, 3(10) (2000), pp. 479-480	
	C29	NERAC.COM Retro Search: Atomic Layer Deposition of Copper, dated October 11, 2001	
	C30	NERAC.COM Retro Search: Atomic Layer Deposition / Epitaxy Aluminum Oxide Plasma, dated October 2, 2001	
	C31	NERAC Search abstract of "Atomic Layer deposition of Ta and Ti for Interconnect Diffusion Barriers", by Rossnagel, et al., J. Vac. Sci. & Tech., 18(4) (July 2000)	
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	C32	Abstracts of articles re atomic layer deposition	
	C33	Abstracts of search results re atomic layer deposition, search dated January 24, 2002	
	C34	Abstracts of articles re atomic layer deposition and atomic layer nucleation	
	C35	Abstracts of articles re atomic layer deposition and semiconductors and copper	
	C36	Abstracts of articles – atomic layer deposition	
	C37	NERAC Search – Atomic Layer Deposition, search dated October 16, 2001	
	C38	Bader, et al., "Integrated Processing Equipment", Solid State Technology, Cowan Pub., Vol. 33, No. 5 (May 1, 1990), pp. 149-154	
	C39	Choi, et al., "The effect of annealing on resistivity of low pressure chemical vapor deposited titanium diboride", J. Appl. Phys. 69(11) (June 1, 1991), pp. 7853-7861	
	C40	Choi, et al., "Stability of TiB ₂ as a Diffusion Barrier on Silicon", J. Electrochem. Soc. 138(10) (October 1991), pp. 3062-3067	
	C41	"Cluster Tools for Fabrication of Advanced devices" Jap. J. of Applied Physics, Extended Abstracts, 22 nd Conference Solid State Devices and Materials (1990), pp. 849 – 852 XP000178141	
	C42	"Applications of Integrated processing", Solid State Technology, US, Cowan Pub., Vol 37, No. 12 (December 1, 1994), pp. 45-47	
	C43	Kitigawa, et al., "Hydrogen-mediated low temperature epitaxy of Si in plasma-enhanced chemical vapor deposition", Applied Surface Science (2000), pp. 30-34	
	C44	Lee, et al., "Pulsed nucleation for ultra-high aspect ratio tungsten plugfill", Novellus Systems, Inc. (2001), pp. 1-2 (<i>COPY NOT AVAILABLE TO APPLICANT AT THIS TIME</i>)	
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